



## QD2000SDS Auto-Feed Screw Driving System INSTRUCTION MANUAL

Thank you for purchasing a Quik Drive® product. You have made an excellent decision. Quik Drive is the undisputed leader of auto-feed screw driving systems. You have joined the large and fast growing number of successful builders and contractors who are giving their customers *the superior holding power of screws at speeds they never dreamed possible.*

Quik Drive® tools have earned a reputation for being reliable and easy to use. They are exceptionally easy to use but proper operating procedures are NECESSARY for maximum speed and efficiency. Please take a few minutes to read both the safety instructions below and the operational guide for your tool on the following pages.

### IMPORTANT SAFETY INSTRUCTIONS

#### READ AND FOLLOW ALL INSTRUCTIONS

**WARNING** - When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following:

#### WHEN SERVICING USE ONLY IDENTICAL QUIK DRIVE® REPLACEMENT PARTS.

1. **POLARIZED PLUG.** If your screwgun has a polarized plug (one blade is wider than the other) it will fit into a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug, if it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.
2. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite injuries.
3. **AVOID DANGEROUS ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp or wet locations. Keep area well lit. Avoid chemical or corrosive environment. Do not use tool in presence of flammable liquids or gases.
4. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with grounded surfaces. For example; pipes, radiators, ranges, refrigerator enclosures.
5. **KEEP CHILDREN AWAY.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.
6. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place - out of reach of children.
7. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.
8. **USE RIGHT TOOL.** Don't force a small tool or attachment to do the job of a heavy duty tool. Use the tool for its intended purpose only. For example; don't use a circular saw for cutting tree limbs or logs.
9. **DO NOT ALTER THE TOOL.** Don't remove any parts from the tool.
10. **DRESS PROPERLY.** Do not wear loose clothing or jewelry. Loose clothing, draw strings and jewelry can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.
11. **USE SAFETY GLASSES.** Wear safety glasses or goggles while operating power tools. Also face or dust mask if operation creates dust.
12. **DON'T ABUSE CORD.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges. Have damaged or worn power cord and strain reliever replaced immediately. Do not attempt to repair power cord.

13. **SECURE WORK.** Use clamps or a vise to hold work. It's safer than using your hand and it frees both hands to operate tool.

14. **DON'T OVERREACH.** Keep proper footing and balance at all times.

15. **DISCONNECT TOOLS** when not in use, before servicing, and when changing accessories.

16. **MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have repaired by authorized service facility. Inspect extension cords periodically and replace if damaged.

17. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

18. **AVOID UNINTENTIONAL STARTING.** Do not carry a tool with finger on switch. Be sure switch is off when plugging in.

19. **EXTENSION CORDS.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. **IF IN DOUBT USE NEXT HEAVIER GAUGE.** A smaller number indicates a heavier gauge.

20. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords marked "Suitable for use with outdoor appliances - store indoors when not in use".

21. **STAY ALERT.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.

22. **CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual.

23. **REPAIRING TOOL.** Any repairs to electric tools should only be performed by qualified personnel. To keep your Quik Drive operating most efficiently only use original Quik Drive parts for repair.

**SAVE THESE INSTRUCTIONS**

# AUTO-FEED SCREW SYSTEMS OPERATING INSTRUCTIONS

## ATTACHING THE QD2000 TO A SCREWGUN.

A. Place the hex end of the drive shaft into the hex recess of the screwgun. Slide the Auto-feed Driver over the drive shaft and adaptor and push the clamp lever down until just snug. Make sure the nose or adaptor is *fully* inserted into the Auto-feed Driver connector. The Auto-feed Driver may be pivoted on the screwgun to any position that feels most comfortable to you. NOTE: The Coupling Lock Screw (Fig. 5) must be backed out to insert the screwgun nose and retightened to maintain a firm connection.

## ADJUSTING THE LOCKING LEVER

Tension on the locking lever is adjusted by turning the lever clockwise for a tighter grip and counterclockwise to loosen the grip. Adjust until just snug. Do not over-tighten.

## ADDING THE OPTIONAL EXTENSION

The extension is optional and can be added at any time. To install the extension, remove the Auto-feed Driver from the screwgun by flipping up the clamping lever (Fig. 1) and pulling them apart.

First, attach the Auto-feed Driver to the extension. Align the locking tab on the extension with the raised area on the unit (Fig. 1), slide them together and twist until the arrow on the Auto-feed Driver and the groove on the extension are aligned (Fig. 2). Tighten the clamp lever on the unit as explained above. NOTE: The Coupling Lock Screw (Fig. 5) must be backed out to insert the extension.

Next, slide the extension collar over the nose (adaptor) of the screwgun. (The male hex end of the extension drive shaft fits in the screwgun) Align the Locking Tabs as shown at right (Fig. 3), slide together and turn the Extension until it is locked. Position the handle clamp over the extension collar and hand tighten (Fig. 4). Make sure all connections are snug and fully inserted. TIP: If the extension will not slip completely onto the screwgun it is often because the extension drive shaft is not aligned with the screwgun receptacle. The easy fix is to run the screwgun briefly as you push it into the extension.

## LOADING SCREWS

**STRIP SCREWS** - Hold the Auto-feed Driver and the screw clip pointing forward. Slide the screw clip into the loading channel under the nosepiece. When it clicks in place you are ready to drive screws. NOTE: The screw clip only works in one direction. Insert the pointed end of the strip.

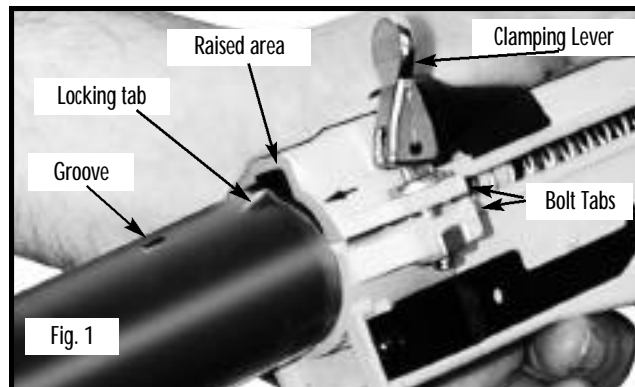
To unload an unfinished clip or clear a jammed screw, pull down *Screw Release Tab* (Fig. 5) located just above the Feed Pawl Carrier.

## DRIVING SCREWS

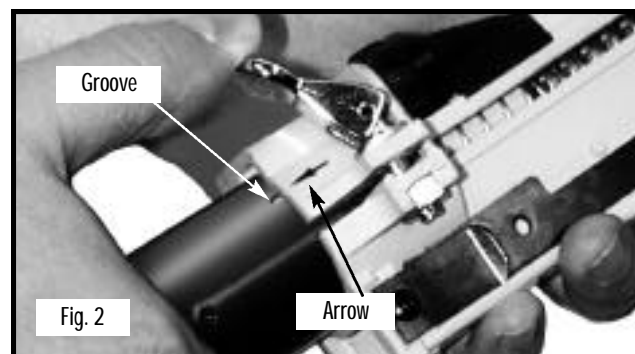
After the tool is loaded and plugged in you are ready to drive screws. Turn on the screwgun and push down firmly maintaining constant down pressure until the screw is fully countersunk. Any hesitation or reduction in down pressure will lead to bit cam-out. However, do not force the screws. Keep the bit engaged in the screw and let the screw pull itself down. If the clutch does not disengage, adjust the depth adjusting wheel for less depth.

Lift the tool enough to relieve *ALL* down pressure, allowing the mechanism to complete a full stroke before starting to drive another screw. The tool must complete a full stroke to advance screws properly.

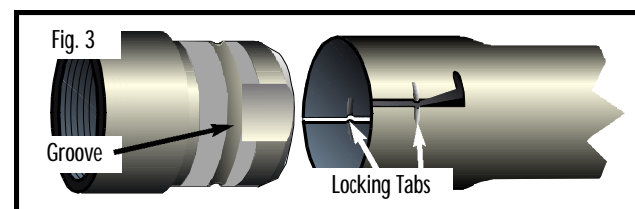
## ADDING THE OPTIONAL EXTENSION



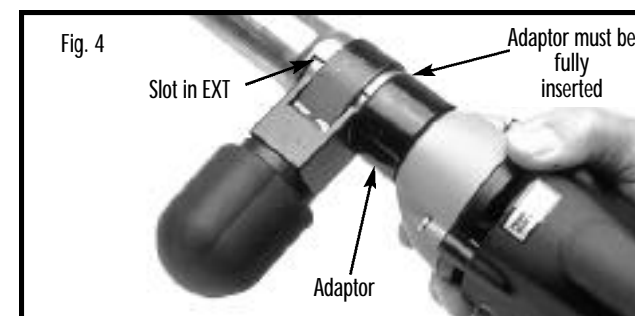
Insert extension with locking tab aligned with raised area of the auto-feed unit.



After inserting completely, turn the EXT about 1/4" clockwise or (if your auto-feed unit has an arrow) until groove in EXT lines up with arrow.

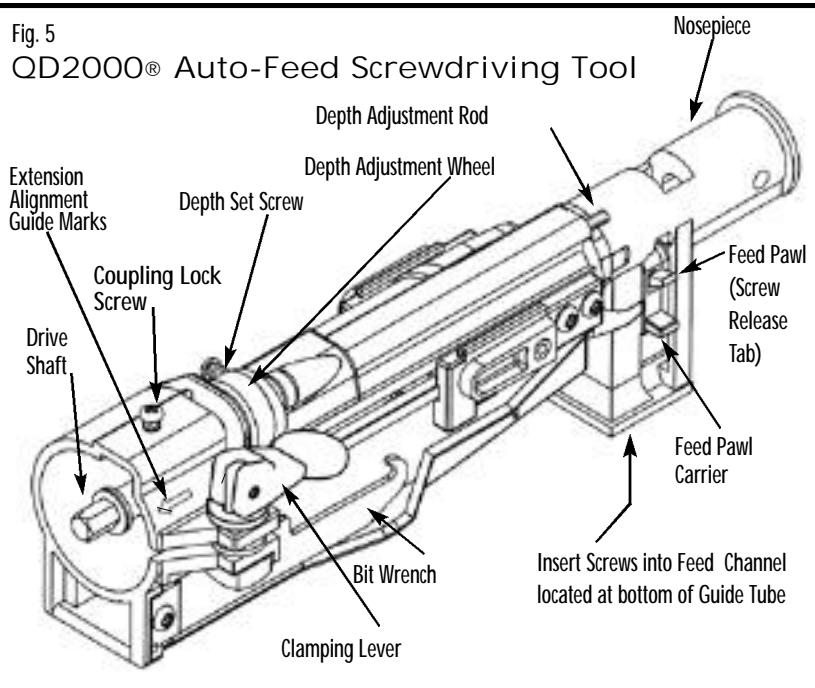


1.) Align Locking Tabs in extension with Flat Sides of Adaptor 2.) Slide the extension over the adaptor until locking tabs align with groove 3.) Twist to lock them together before tightening the Clamping Handle



Clamping handle grips connection tightest when positioned to slot as shown above. ADBD Adaptor is pictured here.

Fig. 5  
QD2000® Auto-Feed Screwdriving Tool



Lift the tool enough that the screws don't drag on the work surface as the screws advance as this may cause a misfeed.

NOTE: Quik Drive screws drive very fast. If you experience cam out or half driven screws it is probably because the bit is not staying firmly inserted as the screw goes into the material.

#### ADJUST THE ALIGNMENT TO SUIT YOUR WORKING STYLE

As with any tool, optimum performance with the Quik Drive System comes with experience. Due to differences in working techniques, different users will get different levels of performance from it. The System's design allows a variety of driving positions that can enhance performance and allow for different working styles.

The most obvious arrangement is to align the Auto-feed Driver with the screwgun so the screw clip is following the workflow - in other words, sticks out behind the tool. This is fine as long as the screws are not dragged across the work surface when moving forward. Dragging the screws can interfere with the tool's fastener advancing mechanism and can cause it to jam.

Many users have found that when the Auto-feed Driver is positioned on the extension so that the loaded screw clip extends away from their body ( at 90° to the work flow) they can move the tool more freely. In this position the screws are not likely to drag during forward movement and the guide tube provides maximum support for the fastener. This additional support will provide top performance with the greatest variance in working styles.

To change the alignment, loosen the Clamping Handle, rotate the extension and Auto-feed Driver to the desired position and retighten the handle.

#### OTHER HANDY ACCESSORIES

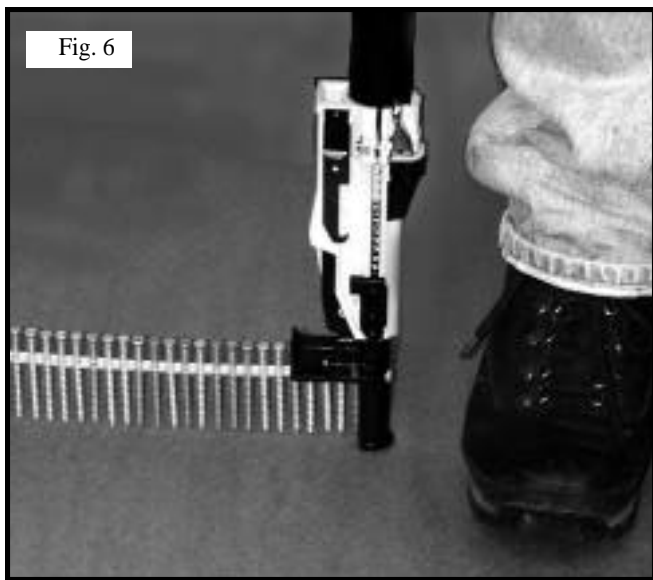
The QuikDraw Quiver is an important component in the Quik Drive System. Designed to hold up to 500 fasteners, it reduces trips back to the box while keeping weight off the tool. (A worker using a competitive coil style tool will lift approximately 4,500 pounds per hour *more* than if using a Quik Drive clip fed tool.)

#### DEPTH ADJUSTMENT

The precise calibrated depth control is the only adjustment necessary. Once set it provides consistent countersink with all screws driven.

If the depth is properly adjusted, the clutch will disengage when the

Fig. 6



Turning the tool 90° to workflow direction enhances ability to move forward quickly without dragging screw clip.

Pointed end of strip

Logo Up  
Smooth Side Up

Fig. 7

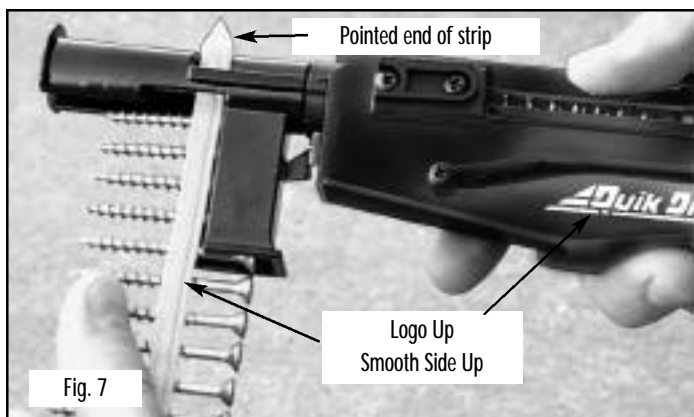
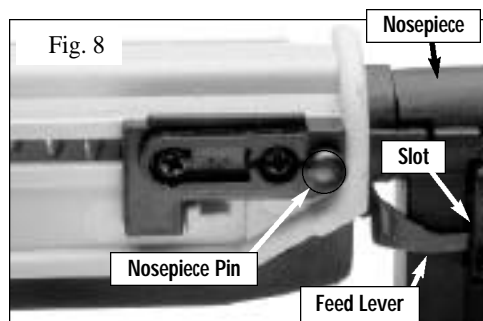


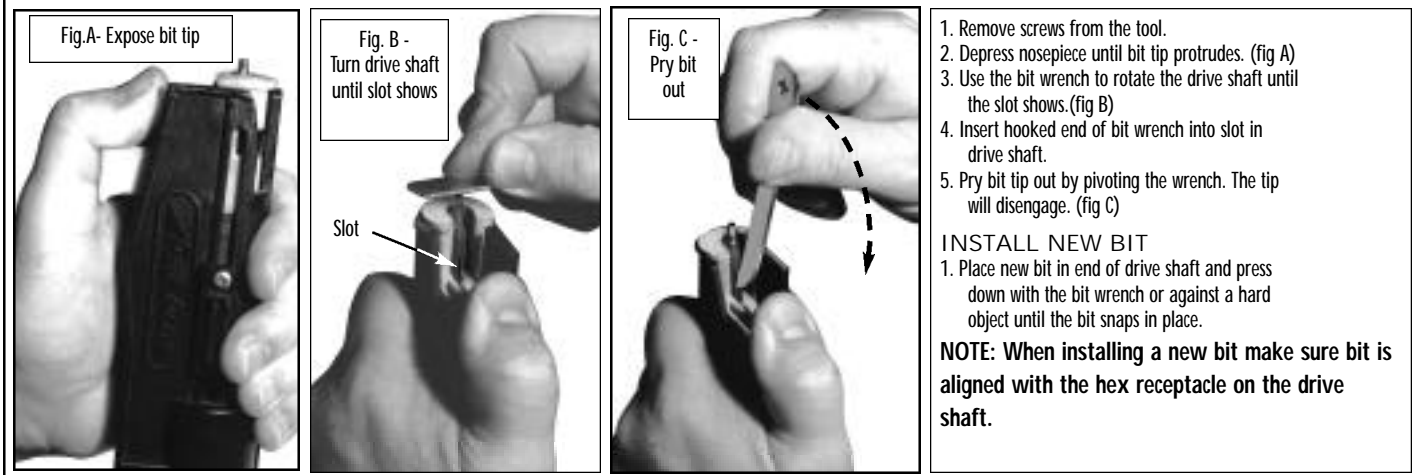
Fig. 8



Bit Wrench



## CHANGING THE QUIK RELEASE BIT ON THE QD2000® TOOL



screw is slightly countersunk. When the depth is set too deep excessive torque is created as the screw penetrates deeper, resulting in rapid bit wear, stripping, and even broken screws.

To set the depth control, simply rotate the adjusting wheel located on top of the tool. (Fig. 5) Turning the wheel moves the adjusting rod in or out. Try a few screws in an inconspicuous place until proper depth is set. The 6/32 x 1/4" set screw beside the Depth Adjustment Wheel is loosened to adjust depth and tightened to lock the adjustment wheel.

### TO DETERMINE CORRECT COUNTERSINK

Drive a screw completely and keep the bit engaged in the screw by maintaining down pressure on the tool with the motor running. Lean down and look at the drive shaft. It should not be turning. If it is, the clutch has not disengaged and the screw has stripped the material. When the tool is adjusted correctly the clutch will disengage (you can hear it disengage with a grunting sound) and the drive shaft will stop turning just as the screw becomes flush or slightly countersunk - depending on the depth setting. Do not reduce down pressure until you hear the clutch disengage. Once the adjustment is made all screws will consistently drive to the same depth.

### CHANGING THE BIT

To replace a worn bit, insert the hooked end of the bit wrench into the slot on the side of the drive shaft and pry out the old bit (see figure A-C). Place the new Quik Release bit into the drive shaft, making sure that the hex end of the bit matches the hex receptacle on the drive shaft, (*if the bit is forced to seat without matching the male and female hex parts the drive shaft can be damaged*) and seat it fully by pushing against a hard surface such as the bit wrench until the bit snaps into place. Insert the end of the bit in the hole in the bit wrench to prevent slipping as you press the bit in place.

### REMOVE OR CHANGE NOSEPIECE

The nosepiece installed at the factory drives screws 1 1/4" to 2 1/2" in length. An additional nosepiece is included for driving 3" screws.

1. Grip the nosepiece to prevent it from ejecting forcefully.
2. Use the hooked end of the bit wrench to pry the nosepiece pin up about 1/8" until the shoulder is visible and the nosepiece is released. Do not try to remove the pin completely. (See Fig. 8)

When replacing the nosepiece be sure the Feed Lever fits in the slot in the Feed Pawl.

### TO CURE EXCESSIVE BIT WEAR OR CAM-OUT

- 1.) Replace the bit and try more down pressure when the tool is being activated.
- 2.) Be sure you are using the correct bit for the screws (Galvanized screws require a black bit, all other square drive screws require a grey bit, while some Quik Drive Screws have a phillips recess).
- 3.) See *Driving Screws*, above.
- 4.) Look to see if the clutch is disengaging properly on the screwgun. If the bit turns as soon as the screwgun is turned on (and the tool is not depressed) or continues to spin after the screw is driven, there is a problem. The clutch in the screwgun is not disengaging properly. Change the depth adjustment for less depth. If the clutch still won't disengage check for smooth movement of the clutch mechanism. The clutch in the screwgun may be worn and need repair.

### MAINTENANCE & LUBRICATION

The Auto-feed Drivers are designed with a minimum of moving parts for ease of operation and low maintenance. As with any mechanism using interacting, moving parts, a build-up of dirt can hinder performance. Occasional cleaning of any drywall dust, sawdust or dirt from the tool is needed to keep it operating smoothly.

Also, periodically check the cam slot and remove any residue or dirt accumulation.

Normally, no lubrication is needed and LIQUID LUBRICANT SHOULD NEVER BE USED. Dry lubricant is okay if desired.

**TROUBLE SHOOTING GUIDE**

Learning to use the Quik Drive system is very easy. As with any power tool, there are a few basic things to remember.

PROBLEM	SOLUTION
Screws won't drive. They spin for a second and then lay over on their side. Little or no penetration.	<ul style="list-style-type: none"><li>• Make sure the screwgun is not in reverse.</li><li>• Check to be sure you are using the correct bit for the type of screws.</li></ul>
Screws won't drive completely. They go down about half way and then the bit spins out.	<ul style="list-style-type: none"><li>• Check for a worn bit. If this happens frequently see the section titled TO CURE EXCESSIVE BIT WEAR OR CAM-OUT in this manual.</li></ul>
Screws won't drive completely. They are almost completely driven but won't countersink completely.	<ul style="list-style-type: none"><li>• Check the depth adjustment on the driving unit. Reset if necessary.</li><li>• You may have missed the substrate you are fastening to. Example: In flooring this will occur if you miss the floor joist.</li><li>• Be sure all components are connected correctly - see instructions included in this manual.</li></ul>
Screws don't advance properly causing tool to jam.	<ul style="list-style-type: none"><li>• Use only Quik Drive brand collated screws.</li><li>• Be sure the screw clip is inserted correctly - pointed end first.</li><li>• Lift the tool completely off the work surface after driving each screw.</li><li>• Be careful not to drag the screws on the work surface as you move to the next position.</li><li>• If you have just changed the nosepiece, be sure the Feed Lever is inserted in the Feed Lever Slot.</li></ul>

**DRIVE THESE SCREWS WITH THE QD2000SDS SYSTEM**

Additional screws are available. Visit our web site or call toll free for more information.

**SUBFLOORING/WOOD SCREWS**  
#8 wood screw, coarse thread, 2/3 rolled, sharp point, flat head w/ nibs, yellow zinc coating, square drive



Proven fastener for  
**AdvanTech**  
ICBO #5053

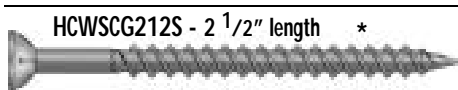
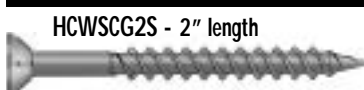
**DRYWALL TO WOOD OR STEEL FRAMING**  
#6 drywall screw, twin thread, sharp point, bugle head, grey phosphate finish, phillips drive



Twin threads deliver fast accurate fastening to wood or steel



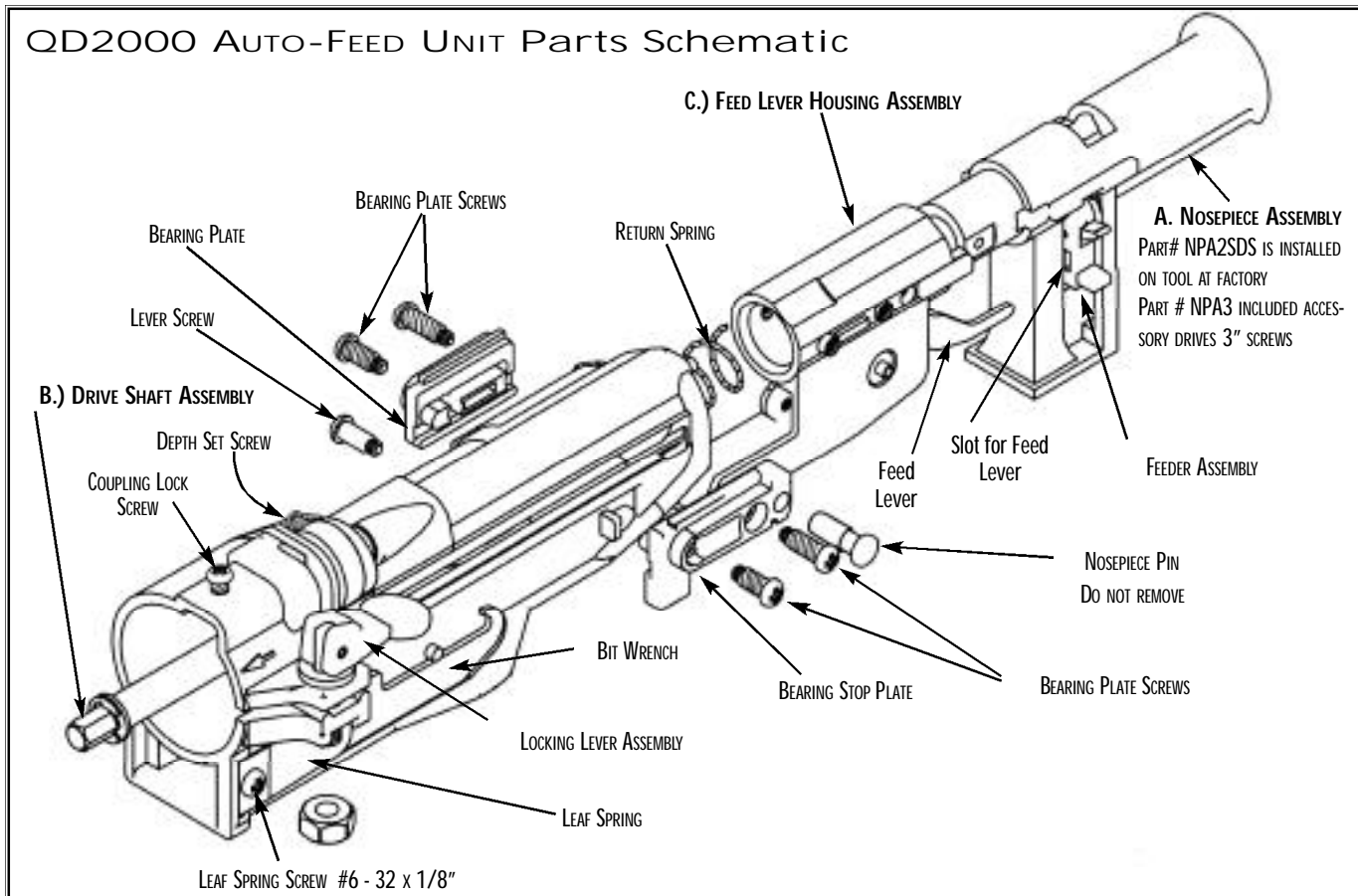
**DECK & DOCK SCREWS**  
#8 wood screw, coarse thread, 2/3 rolled, sharp point, flat head w/ nibs, N2000 coating, square drive



\*Featuring countersink nibs and twin thread engineering for fast, accurate driving and consistently easy depth control in wood.

Quik Drive USA, Inc. is the world's leading manufacturer of auto-feed driving systems with an extensive line of tools and fasteners for residential and commercial construction applications. See our full line at [www.quikdrive.com](http://www.quikdrive.com) or call 1-888-487-7845 for more information.

## QD2000 AUTO-FEED UNIT Parts Schematic



## REPLACEMENT PARTS QD2000SDS

QD2000® tools are designed for long dependable service with a minimum of wear parts, and easy maintenance. As with any power tool, some parts may eventually need replacing. Replacing worn parts is simple, quick and easy. The wear parts for the QD2000® tool are sold in three, easy to install replacement units - A. Nosepiece Assembly; B. Drive shaft Assembly; C. Feed Lever Housing Assembly.

**To remove the Drive shaft** remove the QD2000® tool from the screwgun or extension and slide the Drive shaft out the back of the tool.

**Remove the Nosepiece** 1.) Grip the *Nosepiece* to prevent it from ejecting forcefully. (see Fig. 8)  
2.) Use the hooked end of the bit wrench to pry the *Nosepiece Pin* up about 1/8" until the shoulder is visible and you feel the *Nosepiece* release.  
**Do not** try to remove the pin completely.

**To remove Feed Lever Assembly** remove the Bearing Plate Screws on both sides of tool. Snap bearing plates off tool. Press the Feed Lever Assembly into the tool just enough to relieve pressure on the Cam Screw. While holding the Feed Lever Assembly in this position, remove the Cam Screw. Gently release the Feed Lever Assembly and remove it from the tool.

**To reassemble** - Make sure the Return Spring is in position. Slide the Feed Lever Assembly back in place and depress until it is flush with the front of the tool body. Replace the Cam Screw and then release pressure on the Feed Lever Assembly. Replace the Bearing Plates and Bearing Plate Screws.

**Replace the nosepiece** 1.) Be sure the *Feed Lever* fits into the slot in the Feed Pawl.  
2.) Depress the tool (push in on the Nose Piece) several times to make sure the Nose Piece is seated in a non-binding position. 3.) Push or tap *Nosepiece Pin* back down to secure the *Nosepiece*.

### For easy parts replacement order from this replacement kit list:

- A.) Nose Piece Assembly for 1 1/4" to 2 1/2" screws (installed at factory) **Part #NPA2SDS**
- A.) Guide Tube/Nose Piece Assembly for 3" screws **Part #NPA3**  
All Nose Piece Assemblies Include a Feed Pawl Assembly
- B.) Drive shaft Assembly **Part #105151**

## QD2000® AUTO-FEED SCREW SYSTEM LIMITED ONE YEAR WARRANTY

Quik Drive tools and system components (excepting screwguns by other manufacturers\* which are contained in Quik Drive® kits) are warranted to the original purchaser at retail to be free from defects in material and workmanship for a period of one year from the date of purchase. In the event of malfunction or failure of your Quik Drive tool, simply return it to an authorized Quik Drive distributor. At the time of the request for warranty service, the purchaser must present proof of purchase documentation which includes the date of purchase (for example, a bill of sale). Upon confirmation that the malfunction or failure is a result of a defect covered by this warranty, Quik Drive shall within thirty (30) days after notification from the distributor, at its option, repair or replace the defective parts. This warranty is limited to the original purchaser at retail and is not transferable. The warranty shall only cover defects and not normal wear and tear which occurs with use. Quik Drive assumes no responsibility whatsoever for malfunctions, failures or defects resulting from misuse, abuse, neglect, alteration or modification. Quik Drive makes no warranty and shall not be liable as to the fitness of its tools or fasteners for any particular uses or applications. No other warranties, representations or promises as to the quality or performance of the Quik Drive fastening tool other than those contained herein are made.

ANY IMPLIED WARRANTY GRANTED UNDER STATE LAW, INCLUDING WARRANTIES OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO DURATION TO THE EXPRESS WARRANTY GRANTED HEREUNDER. QUIK DRIVE IN NO EVENT SHALL BE LIABLE FOR DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

For the location of your nearest authorized Quik Drive distributor call 888-487-7845

\*Screwguns included in Quik Drive® kits but produced by other manufacturers are covered by the manufacturers warranty and should be serviced through their respective distributors.

QUIK DRIVE tools have been engineered to provide outstanding customer satisfaction and are designed to achieve maximum performance when used with precision QUIK DRIVE® fasteners engineered to the same exacting standards.

**QUIK DRIVE cannot assume responsibility for product performance if our tools are used with fasteners or accessories not meeting the specific requirements established for genuine QUIK DRIVE fasteners and accessories.**

**Made in America by Quik Drive USA, Inc.**

**Quik Drive® tools, fasteners and collation techniques are protected by the following U.S. Patents. Additional patents pending.**

U.S. # 5870933	U.S. # 5699704	U.S. # 5855151	U.S. # 5542323	U.S. # 6089132	U.S. # 5884541	Canada # 2161591
U.S. # 5622024	U.S. # 6055891	U.S. # 5662011	U.S. # 4930630	U.S. # 5531143	U.S. # 5758768	Canada # 1297451
U.S. # 5921736	U.S. # 6074149	U.S. # 6109145	U.S. # 6085616	U.S. # 5927163		Canada # 2293615
U.S. # 5819609	U.S. # 5570618	U.S. # 5918512	U.S. # 5351586	U.S. # 5337635		Canada # 2160001
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